HI98311 · HI98312

EC/TDS and Temperature Testers

- Waterproof
  - Waterproof and designed to float
- Automatic Temperature Compensation (ATC)
- HOLD feature
  - HOLD button to freeze readings on the display
- Battery Error Prevention System (BEPS)
  - Alerts the user of low battery power that could adversely affect readings

When the original DiST® (Dissolved Solids Tester) was first introduced, conductivity (EC) and total dissolved solids (TDS) measurements became easy and affordable. The DiST's ease of use, in combination with its affordability, made it the standard in EC and TDS measurement. Hanna continues the standard in EC and TDS testing with the DiST®5 and DiST®6.

These testers include features such as: a replaceable graphite electrode, adjustable TDS ratio, °C or °F measurement, Automatic Temperature Compensation (ATC) with adjustable β, battery level indicator, stability indicator, automatic shut-off, and automatic calibration.

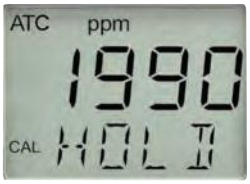
The graphite conductivity electrode offers greater accuracy by resisting contamination by salt deposits in the sample.

All of these features are packed in a floating, waterproof casing. These 3-in-1 testers are unmatched in EC/TDS and temperature measurements.

LCD Display Features

On-screen battery life

LCD indicates the percentage of battery power remaining upon startup.



HOLD function

The HOLD function "freezes" the LCD display temporarily.

Instability & ATC indicators

Ensures reliable EC and TDS measurements. ATC symbol is shown when active.

Adjustable temperature coefficient factor

Users can choose between different factors (β) for precise temperature compensated measurements.

Adjustable TDS conversion factor

For measurement accuracy, users can choose between a range of conductivity to TDS conversion factors.

Exposed temperature sensor

An exposed temperature sensor allows for rapid automatic temperature compensated measurements.

Specifications		HI98311 (DiST®5)	HI98312 (DiST®6)
EC	Range	0 to 3999 µS/cm	0.00 to 20.00 mS/cm
	Resolution	1 µS/cm	0.01 mS/cm
	Accuracy	±2% F.S.	±2% F.S.
TDS	Range	0 to 2000 ppm (mg/L)	0.00 to 10.00 ppt (g/L)
	Resolution	1 ppm (mg/L)	0.01 ppt (g/L)
	Accuracy	±2% F.S.	±2% F.S.
Temperature	Range	0.0 to 60.0°C / 32.0 to 140.0°F	0.0 to 60.0°C / 32.0 to 140.0°F
	Resolution	0.1°C / 0.1°F	0.1°C / 0.1°F
	Accuracy	±0.5°C / ±1°F	±0.5°C / ±1°F
Additional Specifications	Calibration	automatic, one point at 1413 µS/cm or 1382 ppm (mg/L)	automatic, one point at 12.88 mS/cm or 6.44 ppt (g/L)
	TDS Conversion Factor	adjustable from 0.45 to 1.00	
	Temperature Compensation	automatic, with β adjustable from 0.0 to 2.4% / °C	
	Probe	HI73311 replaceable EC/TDS graphite electrode (included)	
	Environment	0 to 50°C (32 to 122°F); RH max 100%	
	Battery Type / Life	1.5V (4) / approx. 100 hours of continuous use; auto-off after 8 minutes of non-use	
	Dimensions	163 x 40 x 26 mm (6.4 x 1.6 x 1.0")	
	Weight	100 g (3.5 oz.)	
Ordering Information	**HI98311** (DiST®5) is supplied with HI73311 EC/TDS probe, HI73128 probe removal tool, 1413 µS/cm conductivity standard sachets (3), 1382 ppm TDS standard sachets (3), batteries, and instructions. **HI98312** (DiST®6) is supplied with HI73311 EC/TDS probe, HI73128 probe removal tool, 12880 µS/cm conductivity standard sachets (3), 6.44 ppt TDS standard sachets (3), batteries, and instructions.		

Replaceable graphite electrode

An easy-to-replace graphite electrode with a sturdy, snap-in connector means there are no pins to bend or break.

Pocket clip

A pocket clip is featured on the back of the the pHep 4 and pHep 5

EC and TDS solutions begin on page 5.34; see EC electrode specifications on page 1.63